DERWENT-ACC-NO: 1988-248726

DERWENT-WEEK: 198835

TITLE: Method and appts. for removing **sulphur** di:oxide from waste gases - by spraying gas flow with suspension of **pyrolusite,** with different density spraying in parts

INVENTOR: GOVOROV, V G

PRIORITY-DATA: 1985SU-3987865 (December 13, 1985)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU 1375300 A	February 23, 1988	N/A	003	N/A

INT-CL (IPC): B01D053/18

ABSTRACTED-PUB-NO: SU 1375300A

BASIC-ABSTRACT:

The gases are sprayed with an aq. suspension of **pyrolusite** under conditions of constant ratio of phase load at entrance and exit of contact zone, as well as in its central part. Central part is sprayed with flow of circulating suspension, from which is removed part for spraying inlet section. To remainder of suspension is added a flow formed during washing of gas by fresh suspension at exit from contact zone. Density of spray in

central part is
higher than at entrance. USE/ADVANTAGE - In chemical technology for the
cleaning of gases to remove **SO2**. Absorption process is intensified as a result
of the rational variation of the density of the spray and the freshness of the
suspension over the length of the contact zone.

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Title - TIX (1):
Method and appts. for removing **sulphur** di:oxide from waste gases - by
spraying gas flow with suspension of **pyrolusite,** with different density
spraying in parts

Standard Title Terms - TTX (1):
METHOD APPARATUS REMOVE **SULPHUR** DI OXIDE WASTE GAS SPRAY GAS FLOW

SUSPENSION **PYROLUSITE** DENSITY SPRAY PART